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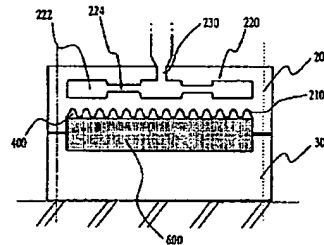
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(54) METHOD AND APPARATUS FOR MANUFACTURING BARRIER RIBS FOR PLASMA DISPLAY PANEL

(57) Abstract:

PURPOSE: A method and an apparatus for manufacturing barrier ribs for a plasma display panel are provided to achieve improved yield rate and uniformity of quality by preventing damage and crack at barrier ribs, while reducing manufacturing costs and environmental contamination.

CONSTITUTION: A method comprises a first step of preparing an upper mold(200) where grooves(210) are formed, a second step of aligning a glass base(600) with an address electrode and a dielectric layer to a lower mold(300), and closing the upper mold, a third step of injecting a paste containing inorganic powder and thermosetting polymer binder into a micro-capillary(400) formed between grooves and glass base, and molding the resultant structure, a fourth step of forming a barrier rib structure by heating the mold and solidifying the paste, and a fifth step of separating the glass base from the mold, and baking the resultant structure.



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